BRUHAT BANGALORE MAHANAGARA PALIKE		
NAME OF THE PROJECT: CONSTRUCTION OF ADDITIONAL CLASS ROOMS AND COMPOUND WALL AT GOVT HIGHER PRIMARY SCHOOL(BANGLA SCHOOL)AT YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO.01		
ABSTRACT		
Sl No	DESCRIPTION OF WORK	AMOUNT
1	Demolition	324441.79
2	Building	25510671
3	Sump	215981
4	Plumbing	494786
5	Electrical work	1453937
	Total	27999816.5
6	Preparation of DPR and Architectural ,Structural Consultation fee(1% of estimated cost)	300000.0
7	Project management Consultancy Charges(1% of estimated cost)	300000.0
8	Tender Premium (5% of estimated cost)	1399990.83
9	Miscellaneous and rounding off	192.64
	Total	**30000000**
RUPEES THREE CRORE ONLY		

CERRIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019, PWD Electrical 2019-20,PRED 2019-20, SE-RDED approved Rate and Issused Rates.

Executive Engineer

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

RUDRAPRASAD CONSULTANTS BANGALORE

Technical Sanction
Accorded For 300.00Lakh
Head of A/C P-2178
CER NO : 116 Dt: 28/08/2020

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: CONSTRUCTION OF ADDITIONAL CLASS ROOMS AND COMPOUND WALL AT GOVT HIGHER PRIMARY SCHOOL(BANGLA SCHOOL)AT YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO.01

DEMOLITION

								Est.Cost.Rs.	324441.79
	Description of Item	**Unit**	**No**	**L**	**B**	**D**	**QTY**	**Rate**	**Amount**
1	KSRRB M200-12.3. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. C. Prestressed / Reinforced cement concrete grade M-20 & above. MORTH Specification No. 202.(Pg No 139 ,Item No 18.19)								
	Ground floor								
	School building								
	Slab	cum	1	48.14	3.90	0.15	28.16		
	Colums	cum	36	0.27	0.27	3.60	9.45		
	Beams Shorter	cum	12	3.90	0.27	0.27	3.41		
	Beams Longer	cum	2	48.14	0.27	0.27	7.02		
	Toilet Building								
	Slab	cum	1	6.70	3.50	0.15	3.52		
	Colum	cum	8	0.27	0.27	3.60	2.10		
	Beams Shorter	cum	3	3.50	0.27	0.27	0.77		
	Beams Longer	cum	2	6.70	0.27	0.27	0.98		
	Basic rate							1589.00	
	Area weightage 8%							127.12	
	5Km lead & Lift= 57+(2*1.28*5)							69.80	
	Total						**55.40**	**1785.92**	**98939.26**
2	KSRRB M200-14.2.Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications **Dismantling brick/Tile work B. In cement mortar**. Pg No.139 Item No.18.23								
	Ground floor								
	School building								
	SSM								
		Cum	3	48.1	0.45	0.45	29.25		
		Cum	12	3.9	0.45	0.45	9.48		
	At Toilet Building								
	SSM	Cum	2	6.7	0.45	0.45	2.71		
		Cum	2	3.5	0.45	0.45	1.42		
	Block Work								
	Longer Wall	Cum	2	47.89	0.20	3.40	65.13		

	Description of Item	Unit	No	L	B	D	QTY	Rate	Amount
	Shorter Wall	Cum	8	3.90	0.20	3.40	21.22		
	Basic rate							351.00	
	Area weightage 8%							28.08	
	5Km lead & Lift= 57+(2*1.28*5)							69.80	
	Total						**129.20**	**448.88**	**57995.05**
3	37.51: Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms) No. KBS Pg No 270 ,Item No 37.51.								
	Ground Floor								
	Flooring								
		Sqm	1	48.14	3.9		187.75		
	At Toilet Building								
	Flooring								
		Sqm	1	6.70	3.5		23.45		
		Sqm	1	1.90	1.6		3.04		
	Basic rate							86.00	
	Area weightage 8%							6.88	
	5Km lead & Lift= 57+(2*1.28*5)							69.80	
	Total						**214.24**	**162.68**	**34851.91**
4	.Dismantling plastering and removing the debris with a lead upto 200m. (P.No.270, I.No. 37.50)								
	Internal plastering								
	Ground Floor								
		Sqm	2	48.14		3.45	332.17		
		Sqm	12	3.9		3.45	161.46		
	Door and Window								
	Doors D1	Sqm	6	1.2		2.1	15.12		
	D2	Sqm	2	0.9		2.1	3.78		
	Window	Sqm	15	1.35		1.2	24.30		
	At Toilet Building								
		Sqm	2	6.70		3.45	46.23		
		Sqm	2	3.5		3.45	24.15		
	Door and Window								
	D2	Sqm	4	0.9		2.1	7.56		
	Ventilator	Sqm	4	0.75		0.6	1.80		
	Basic rate							37.00	
	Area weightage 8%							2.96	
	Total						**616.57**	**39.96**	**24637.98**

	Description of Item	Unit	No	L	B	D	QTY	Rate	Amount
5	Earth work for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring and strutting, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavation earth to the extent required including the cost of labour & HOM of machineries, as per drawing and technical specification.Item no. 2.24 Page no. 8								
		Cum	1	48.14	3.9	0.28	52.57		
		Cum	1	6.70	3.5	0.28	6.57		
	Basic rate							61.00	
	Area weightage 8%							4.88	
	Total						**59.13**	**65.88**	**3895.81**
6	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136,Item No17.4								
	DEBRIS	Cum					288.20		
	Loading and unloading item no.17.1 KSRRB M 100-1	Cum						57.00	
	Basic rate for haulage of materials as per item No. 17.4 KSRRB : M 100 - 4.1	t.km	For surface roads exluding Basic rate loading & unloading					2.00	
	Average Weight of Debris (1.3 Tonne/cum.)	For2Kms =2x1.3x2						5.20	
	Basic rate							62.20	
	Area weightage 8%							4.98	
	Total						**288.20**	**67.18**	**19360.17**
7	Removing and Reinstalation of RO Plant	NO	1						**50000.00**
								TOTAL AMOUNT	**289680.17**
								GST Charges (12% of estimated cost)	**34,761.6**
								Grand Total	**324441.79**

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019 and approved rates.

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Engineer
BBMP

Assistant Executive Engineer
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Executive Engineer
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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: CONSTRUCTION OF ADDITIONAL CLASS ROOMS AND COMPOUND WALL AT GOVT HIGHER PRIMARY SCHOOL(BANGLA SCHOOL)AT YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO.01

BUILDING

Est.Cost.Rs. 25510671

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) / 2.3.5 Pg No 6,Item No 2.4								
	Footings								
	C1	Cum	1	4.77	4.77	1.5	34.1		
	C2	Cum	2	7.45	2.6	1.5	58.1		
	C2'	Cum	1	6.115	2.6	1.5	23.8		
	C2"	Cum	1	6.334	2.6	1.5	24.7		
	C3	Cum	1	6.1	2.5	1.5	22.9		
	C4	Cum	1	3	3.5	1.5	15.8		
	C4'	Cum	1	3.6	2.5	1.5	13.5		
	C4"	Cum	1	3.15	2.85	1.5	13.5		
	C5	Cum	1	4.08	2	1.5	12.2		
	CF1	Cum	3	6.4	4	1.5	115.2		
	CF2	Cum	2	6.1	4	1.5	73.2		
	CF3	Cum	2	5.4	3	1.5	48.6		
	CF4	Cum	1	14.21	3	1.5	63.9		
	SSM Excavation								
	Longer Direction	Cum	3	23	0.75	0.9	46.6		
	Shorter Direction	Cum	11	3.2	0.75	0.9	23.8		
	Basic rate							449.00	
	Area weightage 8%							35.92	
	Total						**589.90**	**484.92**	**286055.13**
2	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. Specification No. KBS Pg No 7, Item No 2.15								
	Footings								
	C1	Cum	1	4.8	4.77	0.2	4.55		
	C2	Cum	2	7.5	2.60	0.2	7.75		
	C2'	Cum	1	6.1	2.60	0.2	3.18		
	C2"	Cum	1	6.3	2.60	0.2	3.29		
	C3	Cum	1	6.1	2.50	0.2	3.05		
	C4	Cum	1	3.0	3.50	0.2	2.10		
	C4'	Cum	1	3.6	2.50	0.2	1.80		
	C4"	Cum	1	3.2	2.85	0.2	1.80		
	C5	Cum	1	4.1	2.00	0.2	1.63		
	CF1	Cum	3	6.4	4.00	0.2	15.36		
	CF2	Cum	2	6.1	4.00	0.2	9.76		
	CF3	Cum	2	5.4	3.00	0.2	6.48		
	CF4	Cum	1	14.2	3.00	0.2	8.53		
	Basic rate							2429.00	
	Area weightage 8%							194.32	
	Total						**69.28**	**2623.32**	**181731.96**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2 Pg No.13 Item No 4.3								
	Footings								
	C1	Cum	1	4.77	4.77	0.15	3.41		
	C2	Cum	2	7.45	2.6	0.15	5.81		
	C2'	Cum	1	6.115	2.6	0.15	2.38		
	C2"	Cum	1	6.334	2.6	0.15	2.47		
	C3	Cum	1	6.1	2.5	0.15	2.29		
	C4	Cum	1	3	3.5	0.15	1.58		
	C4'	Cum	1	3.6	2.5	0.15	1.35		
	C4"	Cum	1	3.15	2.85	0.15	1.35		
	C5	Cum	1	4.08	2	0.15	1.22		
	CF1	Cum	3	6.4	4	0.15	11.52		
	CF2	Cum	2	6.1	4	0.15	7.32		
	CF3	Cum	2	5.4	3	0.15	4.86		
	CF4	Cum	1	14.21	3	0.15	6.39		
	SSM Below								
	Longer Direction	Cum	3	23	0.75	0.15	7.76		
	Shorter Direction	Cum	11	3.2	0.75	0.15	3.96		
	Ramp	Cum	4	1.2	1.2	0.15	0.86		
	Basic rate							5102.00	
	Area weightage 8%							408.16	
	Total						**64.64**	**5510.16**	**355643.19**
4	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2, Pg No. 13 Item No. 4.6								
	Above SSM								
	Longer Direction	Cum	2	41.4	0.6	0.15	7.45		
		Cum	2	27.4	0.6	0.15	4.93		
	Shorter Direction	Cum	3	9.7	0.6	0.15	2.62		
		Cum	5	8.55	0.6	0.15	3.85		
	At Corridor		0	0	0.6	0.15	0.00		
	Loger Direction	Cum	1	31.5	0.6	0.15	2.84		
		Cum	1	17.29	0.6	0.15	1.56		
	Plinth Area Concreeting	Cum	1	41.4	9.3	0.15	57.75		
		Cum	1	18.1	10.3	0.15	27.96		
	Basic rate							5422.00	
	Area weightage 8%							433.76	
	Total						**108.96**	**5855.76**	**638038.34**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing completeas per specifications.KBS 5.1.13 Pg No 25 item No 5.6								
	SSM Footing								
	Longer Direction	Cum	2	41.4	0.6	0.6	29.81		
		Cum	2	27.4	0.6	0.6	19.73		
	Shorter Direction	Cum	3	9.7	0.6	0.6	10.48		
		Cum	5	8.55	0.6	0.6	15.39		
	At Corridor								
	Loger Direction	Cum	1	31.5	0.6	0.6	11.34		
		Cum	1	17.29	0.6	0.6	6.22		
	Basic rate							4596.00	
	Area weightage 8%							367.68	
	Total						**92.97**	**4963.68**	**461455.46**
6	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9, Pg No.7, Item No.2.10								
	Filling Available of Excavated Earth								
	Earth Work Excavation	Cum					589.90		
	PCC for Footing	Cum					-64.54		
	Filling in foundation with granite / trap broken metal	Cum					-69.28		
	SSM Footing	Cum					-92.97		
	Footing Concrete Quantity	Cum					-244.60		
	Basic rate							201.00	
	Area weightage 8%							16.08	
	Total						**118.51**	**217.08**	**25726.97**
7	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136,Item No17.4								
	Excavated Earth	Cum					589.90		
	Filling Available of Excavated Earth						-118.51		
	Loading and unloading item no.17.1 KSRRB M 100-1	Cum						57.00	
	Basic rate for haulage of materials as per item No. 17.4 KSRRB : M 100 - 4.1	t.km	For surface roads exluding loading & unloading Basic rate					2.00	
	Average Weight of earth	For2Kms =2x1.28x2						5.12	
	Basic rate							62.12	
	Area weightage 8%							4.97	
	Total						**471.39**	**67.09**	**31625.23**
8	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2, Pg No 16, Item No 4.28								
	Footings								
	C1	Sqm	1	19.08		0.65	12.4		
	C2	Sqm	2	20.1		0.6	24.1		
	C2'	Sqm	1	17.43		0.6	10.5		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	C2"	Sqm	1	17.87		0.6	10.7		
	C3	Sqm	1	17.2		0.45	7.7		
	C4	Sqm	1	13		0.45	5.9		
	C4'	Sqm	1	12.2		0.45	5.5		
	C4"	Sqm	1	12		0.45	5.4		
	C5	Sqm	1	12.16		0.45	5.5		
	CF1	Sqm	3	20.8		0.55	34.3		
	Beam	Sqm	3	14.6		0.65	28.5		
	CF2	Sqm	2	20.2		0.55	22.2		
	Beam	Sqm	2	14		0.65	18.2		
	CF3	Sqm	2	16.8		0.5	16.8		
	Beam	Sqm	2	12		0.4	9.6		
	CF4	Sqm	1	34.42		0.45	15.5		
	Beam	Sqm	1	30.22		0.45	13.6		
	Column up to plinth Beam								
	C1	Sqm	1	2.1		0.5	1.1		
	C2	Sqm	2	2.1		0.55	2.3		
	C2'	Sqm	1	2.1		0.55	1.2		
	C2"	Sqm	1	2.1		0.55	1.2		
	C3	Sqm	1	2.1		0.7	1.5		
	C4	Sqm	1	2.1		0.7	1.5		
	C4'	Sqm	1	2.1		0.7	1.5		
	C4"	Sqm	1	2.1		0.7	1.5		
	C5	Sqm	1	2.1		0.7	1.5		
	CF3	Sqm	2	2.1		0.25	1.1		
		Sqm	2	1.2		0.25	0.6		
	CF4	Sqm	1	2.1		0.25	0.5		
		Sqm	1	1.2		0.25	0.3		
	Basic rate							258.00	
	Area weightage 8%							20.64	
	Total						**261.85**	**278.64**	**72960.71**
9	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2, Pg No 16, Item No 4.31								
	Plinth Beam								
	Longer Direction	Sqm	4	41.4		0.6	99.4		
		Sqm	4	27.4		0.6	65.8		
	Shorter Direction	Sqm	6	9.7		0.6	34.9		
		Sqm	10	8.55		0.6	51.3		
	At Corridor								
	Loger Direction	Sqm	2	31.5		0.6	37.8		
		Sqm	2	17.29		0.6	20.7		
	Basic rate							358.00	
	Area weightage 8%							28.64	
	Total						**309.89**	**386.64**	**119815.10**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
10	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 16, Item No 4.32								
	Ground Floor								
	Colums	Sqm	19	2.1		3.025	120.70		
		Sqm	8	1.2		3.025	29.04		
	First Floor								
	Colums	Sqm	19	2.1		3.025	120.70		
		Sqm	8	1.2		3.025	29.04		
	Second Floor								
	Colums	Sqm	4	2.1		3.025	25.41		
	Basic rate							456.00	
	Area weightage 8%							36.48	
	Total						**324.89**	**492.48**	**159999.36**
11	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.Specification No. KBS 4.6.2 page no.16 item no 4.29.2								
	Ground Floor								
	Centring								
	Slab	Sqm	1	41.4	9.3		385.02		
		Sqm	1	18.1	10.3		186.43		
	Stairs	Sqm	-1	5.2	3.7		-19.24		
	First Floor								
	Centring								
	Slab	Sqm	1	41.4	9.3		385.02		
		Sqm	1	18.1	10.3		186.43		
	Stairs	Sqm	-1	5.2	3.7		-19.24		
	Second Floor								
	Head Room	Sqm	1	7.5	3		22.50		
	Basic rate							400.00	
	Area weightage 8%							32.00	
	Total						**1126.92**	**432**	**486829.44**
12	KSRB 4-6.9 : Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications. Specifications No. KBS 4.6.2, Pg No 17,Item No 4.36								
	Ground Floor								
	Slab	Sqm	1	101.4		0.15	15.21		
		Sqm	1	56.8		0.15	8.52		
	First Floor								
	Slab	Sqm	1	101.4		0.15	15.21		
		Sqm	1	56.8		0.15	8.52		
	Second Floor								
	Slab	Sqm	1	23		0.15	3.45		
	Basic rate							755.00	
	Area weightage 8%							60.40	
	Total						**50.91**	**815.4**	**41512.01**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
13	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.Specification No. KBS 4.6.2, Pg No 17, Item No 4.34								
	Ground Floor								
	Lintels								
	Through Lintel	Sqm	2	41.4		0.2	16.56		
		Sqm	2	27.4		0.2	10.96		
		Sqm	2	29.3		0.2	11.72		
		Sqm	2	21.3		0.2	8.52		
	Cut Lintel								
	D3	Sqm	10	1.05		0.2	2.10		
		Sqm	10	1.05	0.2		2.10		
	D1	Sqm	4	1.2		0.2	0.96		
		Sqm	4	1.2	0.2		0.96		
		Sqm	2	3.26		0.2	1.30		
	Beams								
	B(300X600)								
	Longer Direction	Sqm	4	41.4		0.425	70.38		
		Sqm	4	27.4		0.425	46.58		
	Shorter Direction	Sqm	6	9.7		0.425	24.74		
		Sqm	10	8.55		0.425	36.34		
							0.00		
	B(300X300)								
	Loger Direction	Sqm	2	31.5		0.15	9.45		
		Sqm	2	17.29		0.15	5.19		
	First Floor								
	Lintels								
	Through Lintel	Sqm	2	41.4		0.2	16.56		
		Sqm	2	27.4		0.2	10.96		
		Sqm	2	29.3		0.2	11.72		
		Sqm	2	21.3		0.2	8.52		
	Cut Lintel								
	D3	Sqm	16	1.05		0.2	3.36		
	D1	Sqm	2	1.2		0.2	0.48		
	Beams								
	B(300X600)								
	Longer Direction	Sqm	4	41.4		0.425	70.38		
		Sqm	4	27.4		0.425	46.58		
	Shorter Direction	Sqm	6	9.7		0.425	24.74		
		Sqm	10	8.55		0.425	36.34		
	B(300X300)								
	Loger Direction	Sqm	2	31.5		0.15	9.45		
		Sqm	2	17.29		0.15	5.19		
	Second Floor								
	Lintels								
	Through Lintel	Sqm	4	7.19		0.2	5.75		
		Sqm	4	3.7		0.2	2.96		
	Beams								
	Longer Direction	Sqm	4	7.3		0.45	13.14		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Shorter Direction	Sqm	4	3.7		0.45	6.66		
	Basic rate							292.00	
	Area weightage 8%							23.36	
	Total						**520.64**	**315.36**	**164187.45**
14	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 17, Item No 4.38								
	Ground Floor								
	Staicase								
	Waist slab	Sqm	2	3.4	1.8		12.24		
	Waist slab Sides	Sqm	4	3.4	0.1755		2.39		
	First flite landing	Sqm	1	3.7	1.8		6.66		
	Landing Side	Sqm	1	7.3		0.15	1.10		
	Riser	Sqm	24	1.8		0.025	1.08		
	Stairs Beam	Sqm	2	3.7		1.1	8.14		
	Ramp	Sqm	4	1.2		0.15	0.72		
		Sqm	8	1.2		0.15	1.44		
	First Floor								
	Waist slab	Sqm	2	3.4	1.8		12.24		
	Waist slab Sides	Sqm	4	3.4	0.1755		2.39		
	First flite landing	Sqm	1	3.7	1.8		6.66		
	Landing Side	Sqm	1	7.3		0.15	1.10		
	Riser	Sqm	24	1.8		0.025	1.08		
	Stairs Beam	Sqm	2	3.7		1.1	8.14		
	Basic rate							520.00	
	Area weightage 8%							41.60	
	Total						**65.36**	**561.60**	**36708.20**
15	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 17,Item No 4.37								
	Ground Floor								
	Chajja W1	Sqm	17	1.8	0.6		18.36		
	Front	Sqm	17	1.8		0.1	3.06		
	Sides	Sqm	34	0.60		0.1	2.04		
	First Floor								
	Chajja W1	Sqm	17	1.8	0.6		18.36		
	Front	Sqm	17	1.8		0.1	3.06		
	Sides	Sqm	34	0.6		0.1	2.04		
	Second Floor								
	Chajja W1	Sqm	1	1.8	0.6		1.08		
	Front	Sqm	1	1.8		0.1	0.18		
	Sides	Sqm	2	0.6		0.1	0.12		
	Basic rate							323.00	
	Area weightage 8%							25.84	
	Total						**48.30**	**348.84**	**16848.97**

	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
6	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6, Pg No. 14, Item No. 4.10								
	Footings								
	C1	Cum	1	4.77	4.77	0.65	14.79		
	C2	Cum	2	7.45	2.6	0.6	23.24		
	C2'	Cum	1	6.115	2.6	0.6	9.54		
	C2"	Cum	1	6.334	2.6	0.6	9.88		
	C3	Cum	1	6.1	2.5	0.45	6.86		
	C4	Cum	1	3	3.5	0.45	4.73		
	C4'	Cum	1	3.6	2.5	0.45	4.05		
	C4"	Cum	1	3.15	2.85	0.45	4.04		
	C5	Cum	1	4.08	2	0.45	3.67		
	CF1	Cum	3	6.4	4	0.55	42.24		
	Beam	Cum	3	6.4	0.9	0.65	11.23		
	CF2	Cum	2	6.1	4	0.55	26.84		
	Beam	Cum	2	6.1	0.9	0.65	7.14		
	CF3	Cum	2	5.4	3	0.5	16.20		
	Beam	Cum	2	5.4	0.6	0.4	2.59		
	CF4	Cum	1	14.21	3	0.45	19.18		
	Beam	Cum	1	14.21	0.9	0.45	5.76		
	Plinth Beam								
	Longer Direction	Cum	2	41.4	0.2	0.6	9.94		
		Cum	2	27.4	0.2	0.6	6.58		
	Shorter Direction	Cum	3	9.7	0.2	0.6	3.49		
		Cum	5	8.55	0.2	0.6	5.13		
	At Corridor								
	Loger Direction	Cum	1	31.5	0.2	0.6	3.78		
		Cum	1	17.29	0.2	0.6	2.07		
	Column up to plinth Beam								
	C1	Cum	1	0.75	0.3	0.5	0.11		
	C2	Cum	2	0.75	0.3	0.55	0.25		
	C2'	Cum	1	0.75	0.3	0.55	0.12		
	C2"	Cum	1	0.75	0.3	0.55	0.12		
	C3	Cum	1	0.75	0.3	0.7	0.16		
	C4	Cum	1	0.75	0.3	0.7	0.16		
	C4'	Cum	1	0.75	0.3	0.7	0.16		
	C4"	Cum	1	0.75	0.3	0.7	0.16		
	C5	Cum	1	0.75	0.3	0.7	0.16		
	CF3	Cum	2	0.75	0.3	0.25	0.11		
		Cum	2	0.3	0.3	0.25	0.05		
	CF4	Cum	1	0.75	0.3	0.25	0.06		
		Cum	1	0.3	0.3	0.25	0.02		
	Basic rate							5812.00	
	Area weightage 8%							464.96	
	Total						**244.60**	**6276.96**	**1535361.99**

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 4.2.8 : Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications. No. KBS 4.1, 4.6, Pg No. 14, Item No. 4.12								
Ground Floor								
Colums	Cum	19	0.75	0.3	3.025	12.93188		
Colums	Cum	8	0.3	0.3	3.025	2.178		
Lintels								
Through Lintel	Cum	1	41.4	0.2	0.2	1.656		
	Cum	1	27.4	0.2	0.2	1.10		
	Cum	1	29.3	0.2	0.2	1.17		
	Cum	1	21.3	0.2	0.2	0.85		
Cut Lintel								
D3	Cum	5	1.05	0.2	0.2	0.21		
D1	Cum	2	1.2	0.2	0.2	0.10		
	Cum	1	3.26	0.2	0.2	0.13		
Staicase								
Waist slab	Cum	2	3.40	1.80	0.15	1.84		
First flite landing	Cum	1	3.70	1.80	0.15	0.999		
Steps	Cum	24	1.80		0.03	1.08		
		Triangular area 0.5*.15*.3=0.022						
Stairs Beam	Cum	2	3.70	0.2	0.45	0.666		
Ramp	Cum	4	1.20	1.2	0.15	0.864		
Basic rate							6045.00	
Area weightage 8%							483.60	
Total						**25.77**	**6528.60**	**168224.23**
First Floor								
Colums	Cum	19	0.75	0.3	3.025	12.93188		
Colums	Cum	8	0.3	0.3	3.025	2.178		
Lintels								
Through Lintel	Cum	1	41.4	0.2	0.2	1.656		
	Cum	1	27.4	0.2	0.2	1.10		
	Cum	1	29.3	0.2	0.2	1.17		
	Cum	1	21.3	0.2	0.2	0.85		
Cut Lintel								
D3	Cum	8	1.05	0.2	0.2	0.34		
D1	Cum	1	1.2	0.2	0.2	0.05		
Staicase								
Waist slab	Cum	2	3.4	1.8	0.15	1.84		
First flite landing	Cum	1	3.7	1.8	0.15	0.999		
Steps	Cum	24	1.8		0.025	1.08		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
			Triangular area 0.5*.15*.3=0.022						
	Stairs Beam	Cum	2	3.7	0.2	0.45	0.666		
	Basic rate							6045.00	
	Add lift charges for First Floor							60.00	
	sub total							6105.00	
	Area weightage 8%							488.40	
	Total						**24.85**	**6593.40**	**163851.76**
	Second Floor								
	Head Room								
	Colums	Cum	4	0.75	0.3	3	2.7		
	Lintels								
	Through Lintel	Cum	2	7.19	0.2	0.2	0.58		
		Cum	2	3.7	0.2	0.2	0.30		
	Basic rate							6045.00	
	Add lift charges for Second Floor							120.00	
	sub total							6165.00	
	Area weightage 8%							493.20	
	Total						**3.57**	**6658.20**	**23777.76**
18	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25. Pg No.19 Item No.4.49.2								
	Ground Floor								
	Beams								
	B(300X600)								
	Longer Direction	Cum	2	41.4	0.3	0.425	10.56		
		Cum	2	27.4	0.3	0.425	6.99		
	Shorter Direction	Cum	3	9.7	0.3	0.425	3.71		
		Cum	5	8.55	0.3	0.425	5.45		
	B(300X300)								
	Loger Direction	Cum	1	31.5	0.3	0.15	1.42		
		Cum	1	17.29	0.3	0.15	0.78		
	Slab	Cum	1	41.4	9.3	0.175	67.4		
		Cum	1	18.1	10.3	0.175	32.6		
	Deduction	Cum	-1	5.4	3.7	0.175	-3.5		
	First Floor								
	Beams								
	B(300X600)								
	Longer Direction	Cum	2	41.4	0.3	0.425	10.6		
		Cum	2	27.4	0.3	0.425	7.0		
	Shorter Direction	Cum	3	9.7	0.3	0.425	3.7		
		Cum	5	8.55	0.3	0.425	5.5		
	B(300X300)								
	Loger Direction	Cum	1	31.5	0.3	0.15	1.4		

No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Cum	1	17.29	0.3	0.15	0.8		
	Slab	Cum	1	41.4	9.3	0.175	67.4		
		Cum	1	18.1	10.3	0.175	32.6		
	Deduction	Cum	-1	5.4	3.7	0.175	-3.5		
	Second Floor								
	Head Room								
	B(300X600)								
	Longer Direction	Cum	2	7.3	0.3	0.45	2.0		
	Shorter Direction	Cum	2	3.7	0.3	0.45	1.0		
	Slab	Cum	1	7.3	4.1	0.175	5.2		
	Basic rate							5497.00	
	Area weightage 8%							439.76	
	Total						**259.02**	**5936.76**	**1537757.98**
19	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 Pg No.15 Item no.4.20								
	Ground Floor								
	Chajja	Sqm	17	1.8	0.6		18.36		
	Basic rate							496	
	Area weightage 8%							39.68	
	Total						**18.36**	**535.68**	**9835.0848**
	First Floor								
	Chajja	Sqm	17	1.8	0.6		18.36		
	Basic rate							496.00	
	Add lift charges for First Floor							5.00	
	sub total							501.00	
	Area weightage 8%							40.08	
	Total						**18.36**	**541.08**	**9934.23**
	Second Floor								
	Chajja	Sqm	1	1.8	0.6		1.08		
	Basic rate							496.00	
	Add lift charges for Second Floor							10.00	
	sub total							506.00	
	Area weightage 8%							40.48	
	Total						**1.08**	**546.48**	**590.20**
20	KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Pg No.18 Item No.4.46.2								
	Ground Floor								
	Footing	Cum	Concrete Quantity				211.98		
		kg	Steel assumed 130 Kg/Cum of Concrete				27557.8		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		tonne					**27.56**		
	Colomn	Cum			Concrete Quantity		16.74		
		kg			Steel assumed 150 Kg/Cum of Concrete		2511.17		
		tonne					**2.51**		
	Plinth beam	Cum			Concrete Quantity		30.99		
		kg			Steel assumed 160 Kg/Cum of Concrete		4958.21		
		tonne					**4.96**		
	Staircase	Cum			Concrete Quantity		4.58		
		kg			Steel assumed 125 Kg/Cum of Concrete		572.63		
		tonne					**0.57**		
	Beam	Cum			Concrete Quantity		28.90		
		kg			Steel assumed 160 Kg/Cum of Concrete		4624.1		
		tonne					**4.62**		
	Roof Slab	Cum			Concrete Quantity		96.51		
		kg			Steel assumed 130 Kg/Cum of Concrete		12545.9		
		tonne					**12.55**		
	Lintel	Cum			Concrete Quantity		**5.21**		
		kg			Steel assumed 125 Kg/Cum of Concrete		651.55		
		tonne					**0.65**		
	Chajja	Cum			Concrete Quantity		1.84		
		kg			Steel assumed 100 Kg/Cum of Concrete		183.60		
		tonne					**0.18**		
	Basic rate							64410.00	
	Area weightage 8%							5152.80	
	Total						**53.60**	**69562.8**	**3728908.31**
	First Floor								
	Colomn	Cum			Concrete Quantity		15.11		
		kg			Steel assumed 150 Kg/Cum of Concrete		2266.48		
		tonne					**2.27**		
	Staircase	Cum			Concrete Quantity		4.58		
		kg			Steel assumed 125 Kg/Cum of Concrete		572.63		
		tonne					**0.57**		
	Lintel	Cum			Concrete Quantity		5.16		
		kg			Steel assumed 125 Kg/Cum of Concrete		645.00		
		tonne					**0.65**		
	Beam	Cum			Concrete Quantity		28.90		
		kg			Steel assumed 160 Kg/Cum of Concrete		4624.07		
		tonne					**4.62**		
	Roof Slab	Cum			Concrete Quantity		96.51		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		kg	Steel assumed 130 Kg/Cum of Concrete				12545.9		
		tonne					**12.55**		
	Chajja	Cum	Concrete Quantity				1.84		
		kg	Steel assumed 100 Kg/Cum of Concrete				183.60		
		tonne					**0.18**		
	Basic rate							64410.00	
	Add lift charges for First Floor							748.00	
	sub total							65158.0	
	Area weightage 8%							5212.64	
	Total						**20.84**	**70370.6**	**1466363.46**
	Second Floor								
	Colomn	Cum	Concrete Quantity				2.70		
		kg	Steel assumed 150 Kg/Cum of Concrete				405.00		
		tonne					**0.41**		
	Lintel	Cum	Concrete Quantity				0.87		
		kg	Steel assumed 125 Kg/Cum of Concrete				108.90		
		tonne					**0.11**		
	Beam	Cum	Concrete Quantity				2.97		
		kg	Steel assumed 160 Kg/Cum of Concrete				475.20		
		tonne					**0.48**		
	Roof Slab	Cum	Concrete Quantity				5.24		
		kg	Steel assumed 130 Kg/Cum of Concrete				680.9		
		tonne					**0.68**		
	Chajja	Cum	Concrete Quantity				0.11		
		kg	Steel assumed 100 Kg/Cum of Concrete				10.80		
		tonne					**0.01**		
	Basic rate							64410.00	
	Add lift charges for Second Floor							1496.00	
	sub total							65906.0	
	Area weightage 8%							5272.48	
	Total						**1.68**	**71178.5**	**119637.32**
21	KSRB 5-14.1: Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications. KBS No.5.4, Pg No. 27 Item No. 5.27.1								
	Ground Floor								
	Outer								
	Long Wall	Sqm	1	41.4		3	124.2		
		Sqm	1	27.4		3	82.2		
	Inner	Sqm	1	29.3		3	87.9		
		Sqm	1	20		3	60		
	Shorter Wall	Sqm	6	7		3	126		
		Sqm	4	8		3	96		
	Deduction								

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	D	Sqm	-7	1.2		2.1	-17.64		
	D1	Sqm	-2	0.9		2.1	-3.78		
	W	Sqm	-26	1.5		1.2	-46.8		
	V	Sqm	-4	0.75		0.6	-1.8		
	Basic rate							912.00	
	Area weightage 8%							72.96	
	Total						**506.28**	**984.96**	**498665.55**
	First Floor								
	Outer								
	Long Wall	Sqm	1	41.4		3	124.2		
		Sqm	1	27.4		3	82.2		
	Inner	Sqm	1	29.3		3	87.9		
		Sqm	1	20		3	60		
	Shorter Wall	Sqm	6	7		3	126		
		Sqm	3	8		3	72		
	Deduction								
	D	Sqm	-5	1.2		2.1	-12.6		
	D1	Sqm	-1	1.5		2.1	-3.15		
	D2	Sqm	-1	0.9		2.1	-1.89		
	W	Sqm	-27	1.5		1.2	-48.6		
	V	Sqm	-3	0.75		0.6	-1.35		
	Basic rate							912.00	
	Add lift charges for First Floor							35.00	
	sub total							947.00	
	Area weightage 8%							75.76	
	Total						**484.71**	**1022.76**	**495742.00**
	Second Floor								
	Head Room								
	Long Wall	Sqm	2	7.2		3	43.2		
	Short Wall	Sqm	2	3.7		3	22.2		
	Deduction								
	D2	Sqm	-1	0.9		2.1	-1.89		
	W	Sqm	-1	1.5		1.2	-1.8		
	Basic rate							912.00	
	Add lift charges for Second Floor							70.00	
	sub total							982.00	
	Area weightage 8%							78.56	
	Total						**61.71**	**1060.56**	**65447.16**
22	KSRB 5-15 : Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications. KBS No.5.4, Pg No 27, Item No 5.28								
	Ground Floor								
	Corridor Wall	Sqm	1	33		1	33.0		
		Sqm	1	19.8		1	19.8		
	Grill Wall	Sqm	15	1.8		2.3	62.1		
		Sqm	10	1.8		2.3	41.4		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Opening								
	At Steps	Sqm	-1	5		1	-5.0		
		Sqm	-1	3		1	-3.0		
	At Staff Toilet								
	Gents	Sqm	1	4.3		3.45	14.8		
	WC	Sqm	1	2.7		3.45	9.3		
	Ladies WC	Sqm	2	5.4		3.45	37.3		
	Deduction								
	D3	Sqm	-5	0.75		2.1	-7.9		
	Basic rate							811.00	
	Area weightage 8%							64.88	
	Total						**201.84**	**875.88**	176783.24
	First Floor								
	Corridor Wall	Sqm	1	33		1	33.0		
		Sqm	1	19.8		1	19.8		
	Grill Wall	Sqm	18	1.8		2.3	74.5		
		Sqm	11	1.8		2.3	45.5		
	Ladies Toilet	Sqm	2	5.2		3.45	35.9		
		Sqm	8	1.5		3.45	41.4		
	Deduction								
	D3	Sqm	-8	0.75		2.1	-12.6		
	Basic rate							811.00	
	Add lift charges for First Floor							35.00	
	sub total							846.00	
	Area weightage 8%							67.68	
	Total						**237.54**	**913.68**	217035.55
	Second Floor								
	Parapit Wall	Sqm	1	37.4		1	37.4		
		Sqm	1	27.4		1	27.4		
		Sqm	1	33		1	33		
		Sqm	1	19.8		1	19.8		
	Basic rate							811.00	
	Add lift charges for Second Floor							70.00	
	sub total							881.00	
	Area weightage 8%							70.48	
	Total						**117.60**	**951.48**	111894.05
23	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 116,Item No.15.16								
	External Plastering								
	Ground Floor								
	Outer								
	Long Wall	Sqm	1	41.4		3.6	149		
		Sqm	1	27.4		3.6	99		
	Inner	Sqm	1	29.3		3.6	105		
		Sqm	1	20		3.6	72		
	Shorter Wall	Sqm	3	7		3.6	76		
		Sqm	1	8		3.6	29		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Corridor Wall	Sqm	2	33		1	66		
		Sqm	2	19.8		1	40		
	Grill Wall	Sqm	30	1.8		2.3	124		
		Sqm	20	1.8		2.3	83		
	Opening								
	At Steps	Sqm	-2	5		1	-10		
		Sqm	-2	3		1	-6		
	Deduction								
	D	Sqm	-7	1.2		2.1	-18		
	D1	Sqm	-2	0.9		2.1	-4		
	W	Sqm	-26	1.5		1.2	-47		
	V	Sqm	-4	0.75		0.6	-2		
	Basic rate							261.00	
	Area weightage 8%							20.88	
	Total						**756.14**	**281.88**	**213140.74**
	First Floor								
	Outer								
	Long Wall	Sqm	1	41.4		3.6	149.04		
		Sqm	1	27.4		3.6	98.64		
	Inner	Sqm	1	29.3		3.6	105.48		
		Sqm	1	20		3.6	72		
	Shorter Wall	Sqm	3	7		3.6	75.6		
		Sqm	1	8		3.6	28.8		
	Deduction								
	D	Sqm	-5	1.2		2.1	-12.6		
	D1	Sqm	-1	1.5		2.1	-3.15		
	D2	Sqm	-1	0.9		2.1	-1.89		
	W	Sqm	-27	1.5		1.2	-48.6		
	V	Sqm	-3	0.75		0.6	-1.35		
	Corridor Wall	Sqm	2	33		1	66		
		Sqm	2	19.8		1	39.6		
	Grill Wall	Sqm	36	1.8		2.3	149.04		
		Sqm	22	1.8		2.3	91.08		
	Basic rate							261.00	
	Add Scaffolding charges for First Floor							12.00	
	sub total							273.00	
	Area weightage 8%							21.84	
	Total						**807.69**	**294.84**	**238139.32**
	Second Floor								
	Head Room								
	Long Wall	Sqm	2	7.2		3.6	51.84		
	Short Wall	Sqm	2	3.7		3.6	26.64		
	Deduction								
	D2	Sqm	-1	0.9		2.1	-1.89		
	W	Sqm	-1	1.5		1.2	-1.8		
	Parapit Wall	Sqm	2	37.4		1	74.8		
		Sqm	2	27.4		1	54.8		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Sqm	2	33		1	66		
		Sqm	2	19.8		1	39.6		
	Basic rate							261.00	
	Add Scaffolding charges for Second Floor							24.00	
	sub total							285.00	
	Area weightage 8%							22.80	
	Total						**309.99**	**307.80**	**95414.92**
24	KSRB 15.3.2 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications .Pg No. 115 Item No.15.10								
	Internal Plastering								
	Ground Floor								
	Class Room -1	Sqm	2	8.1		3.45	56.2		
		Sqm	2	7		3.45	48.3		
	Class Room -2	Sqm	2	8		3.45	55.2		
		Sqm	2	7		3.45	48.3		
	Class Room -3	Sqm	2	8		3.45	55.2		
		Sqm	2	7		3.45	48.3		
	Class Room -4	Sqm	2	8		3.45	55.2		
		Sqm	2	7		3.45	48.3		
	Class Room -5	Sqm	2	8		3.45	55.2		
		Sqm	2	7		3.45	48.3		
	Class Room -6	Sqm	2	8		3.45	55.2		
		Sqm	2	7		3.45	48.3		
	Staff Room	Sqm	2	8		3.45	55.2		
		Sqm	2	5.4		3.45	37.3		
	Stairs Wall	Sqm	1	3.7		3.45	12.8		
	Gents Staff Toilet	Sqm	2	4.3		1.35	11.6		
		Sqm	2	3.1		1.35	8.4		
	Wc	Sqm	1	5.4		1.35	7.3		
	Ladies Staff Toilet	Sqm	2	4.3		1.35	11.6		
		Sqm	2	7		1.35	18.9		
	Wc	Sqm	4	5.4		1.35	29.2		
	Deduction								
	D	Sqm	-7	1.2		2.1	-17.6		
	D1	Sqm	-2	0.9		2.1	-3.8		
	W	Sqm	-26	1.5		1.2	-46.8		
	V	Sqm	-4	0.75		0.6	-1.8		
	Basic rate							204.00	
	Area weightage 8%							16.32	
	Total						**744.10**	**220.32**	**163940.11**
	First Floor								
	Class Room -1	Sqm	2	8.1		3.45	55.89		
		Sqm	2	7		3.45	48.30		
	Class Room -2	Sqm	2	8		3.45	55.20		
		Sqm	2	7		3.45	48.30		
	Class Room -3	Sqm	2	8		3.45	55.20		
		Sqm	2	7		3.45	48.30		
	Class Room -4	Sqm	2	8		3.45	55.20		
		Sqm	2	7		3.45	48.30		
	Class Room -5	Sqm	2	8		3.45	55.20		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Sqm	2	7		3.45	48.30		
	Library	Sqm	2	12.6		3.45	86.94		
		Sqm	2	8		3.45	55.20		
	At Stairs Area	Sqm	1	3.7		3.45	12.77		
	Ladies Toilet Room	Sqm	2	7		1.35	18.90		
		Sqm	2	4.3		1.35	11.61		
	Wc	Sqm	8	5.4		1.35	58.32		
	Deduction								
	D	Sqm	-5	1.2		2.1	-12.60		
	D1	Sqm	-1	1.5		2.1	-3.15		
	D2	Sqm	-1	0.9		2.1	-1.89		
	W	Sqm	-27	1.5		1.2	-48.60		
	V	Sqm	-3	0.75		0.6	-1.35		
	Basic rate							204.00	
	Add lift charges for First Floor							6.00	
	sub total							210.00	
	Area weightage 8%							16.80	
	Total						**694.34**	**226.80**	**157475.18**
	Second Floor								
	Room	Sqm	2	7		3.45	48.30		
		Sqm	2	3.7		3.45	25.53		
	Deduction								
	D	Sqm	-1	0.9		2.1	-1.89		
	W	Sqm	-1	1.5		1.2	-1.80		
	Basic rate							204.00	
	Add lift charges for Second Floor							12.00	
	sub total							216.00	
	Area weightage 8%							17.28	
	Total						**70.14**	**233.28**	**16362.26**
25	KSRB15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications , Pg.No-117, Item No-15.30.								
	Ground Floor								
	Gents Staff Toilet	Sqm	2	4.3		2.1	18.1		
		Sqm	2	3.1		2.1	13.0		
	Wc	Sqm	1	5.4		2.1	11.3		
	Ladies Staff Toilet	Sqm	2	4.3		2.1	18.1		
		Sqm	2	7		2.1	29.4		
	Wc	Sqm	4	5.4		2.1	45.4		
	Deduction								
	D3	Sqm	-10	0.75		2.1	-15.8		
	D1	Sqm	-2	0.9		2.1	-3.8		
	Basic rate							205.00	
	Area weightage 8%							16.40	
	Total						**115.71**	**221.40**	**25618.19**
	First Floor								
	Ladies Toilet Room	Sqm	2	7		2.1	29.4		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Sqm	2	4.3		2.1	18.1		
	Wc	Sqm	8	5.4		2.1	90.7		
	Deduction								
	D2	Sqm	-1	0.9		2.1	-1.9		
	D3	Sqm	-16	0.75		2.1	-25.2		
	Basic rate							205.00	
	Add lift charges for First Floor							6.00	
	sub total							211.00	
	Area weightage 8%							16.88	
	Total						**111.09**	**227.88**	**25315.19**
26	KSRB15-3-14 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Pg No 116, Item No15.22								
	Ground Floor								
	Ceiling								
	Class Room -1	Sqm	1	8.1	7		56.7		
	Class Room -2	Sqm	1	8	7		56		
	Class Room -3	Sqm	1	8	7		56		
	Class Room -4	Sqm	1	8	7		56		
	Class Room -5	Sqm	1	8	7		56		
	Class Room -6	Sqm	1	8	7		56		
	Staff Room	Sqm	1	8	5.4		43.2		
	Front of Stairs	Sqm	1	1.8	3.7		6.66		
	At Corridor	Sqm	1	1.8	33		59.4		
		Sqm	1	1.8	18.1		32.58		
	Gents Staff Toilet	Sqm	1	4.3	3.1		13.33		
	Ladies Staff Toilet Room	Sqm	1	4.3	3.82		16.42		
	Basic rate							225.00	
	Area weightage 8%							18.00	
	Total						**508.29**	**243.00**	**123514.47**
	First Floor								
	Ceiling								
	Class Room-1	Sqm	1	8.1	7		56.7		
	Class Room-2	Sqm	1	8	7		56		
	Class Room-3	Sqm	1	8	7		56		
	Class Room-4	Sqm	1	8	7		56		
	Class Room-5	Sqm	1	8	7		56		
	Library	Sqm	1	8	12.6		100.8		
	Front of Stairs	Sqm	1	1.8	3.7		6.66		
	At Corridor	Sqm	1	1.8	33		59.4		
		Sqm	1	1.8	18.1		32.58		
	Ladies Toilet	Sqm	1	4.3	7		30.1		
	Basic rate							225.00	
	Add lift charges for First Floor							6.00	
	sub total							231.00	
	Area weightage 8%							18.48	
	Total						**510.24**	**249.48**	**127294.68**
	Second Floor								
	Ceiling								
	Room	Sqm	1	7	3.7		25.9		
	Basic rate							225.00	
	Add lift charges for Second Floor							12.00	

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	sub total							237.00	
	Area weightage 8%							18.96	
	Total						**25.90**	**255.96**	**6629.36**
27	providing applying two coats of wall putty to **inside plastered walls and ceiling** using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specification. Pg No.128 Item No.15.106								
	for Internal plastered portions	Sqm	1	same as Internal plastering			1508.58		
	ceiling	Sqm	1	same as plastering for beam + ceiling			1044.43		
	Basic rate							78.00	
	Area weightage 8%							6.24	
	Total						**2553.01**	**84.24**	**215065.14**
28	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer. PgNo. 119, I.No. 15.51.2								
	Internal painting	Sqm	Same as Internal plastering				1508.58		
	Basic rate							90.00	
	Area weightage 8%							7.2	
	Total						**1508.58**	**97.20**	**146633.49**
29	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications page no117 item no 15.49.1 . KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof as per specifications.Pg No 119,Item No15.49.2								
	Ceiling	Sqm	Same as plastering for beam				1044.43		
	Basic rate							110.00	
	Extra over Item 15-14.1							8.00	
	sub total							118.00	
	Area weightage 8%							9.44	
	Total						**1044.43**	**127.44**	**133102.16**
30	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications (page no127, item no.15.103)								
	External painting								
	Ground Floor	Sqm	Same as External plastering +chajja plastering +Compound Wall plastering				774.50		
	Basic rate							340.00	
	Area weightage 8%							27.2	
	Total						**774.50**	**367.20**	**284396.40**
	First Floor	Sqm	Same as External plastering +chejja plastering				826.05		
	Basic Rate							340.00	
	An additional rate of Rs.4.00/sqm per floor for lift charges and Rs.4.00/sqm per floor for scaffolding charges may be added for every additional floor							8.00	
	sub total							348.00	
	Area weightage 8%							27.84	

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Total						**826.05**	**375.84**	**310462.63**
	Second Floor	Sqm	Same as External plastering +chejja plastering				311.07		
	Basic Rate							340.00	
	An additional rate of Rs.4.00/sqm per floor for lift charges and Rs.4.00/sqm per floor for scaffolding charges may be added for every additional floor							16.00	
	sub total							356.00	
	Area weightage 8%							28.48	
	Total						**311.07**	**384.48**	**119600.19**
31	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per Specification.Pg No 110,Item No14.51								
	Ground Floor								
	Landing	Sqm	1	3.7	1.8		6.66		
	Treads	Sqm	24	1.80	0.30		12.96		
	Rise	Sqm	23	12.00		0.15	41.4		
	Basic rate							4456.00	
	Area weightage 8%							356.48	
	Total						**61.02**	**4812.48**	**293657.53**
	First Floor								
	Landing	Sqm	1	3.7	1.8		6.66		
	Treads	Sqm	24	1.8	0.3		12.96		
	Rise	Sqm	23	12		0.15	41.4		
	Basic Rate							4456.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional floor							2.00	
	sub total							4458.00	
	Area weightage 8%							356.64	
	Total						**61.02**	**4814.64**	**293789.33**
32	KSRB 14.9-1: Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications Specification No. KBS 14.4, Pg No 104,Item No 14.13								
	Ground Floor								
	Class Room -1	Sqm	1	8.1	7		56.7		
	Class Room -2	Sqm	1	8	7		56		
	Class Room -3	Sqm	1	8	7		56		
	Class Room -4	Sqm	1	8	7		56		
	Class Room -5	Sqm	1	8	7		56		
	Class Room -6	Sqm	1	8	7		56		
	Staff Room	Sqm	1	8	5.4		43.2		
	Front of Stairs	Sqm	1	1.8	3.7		6.66		
	At Corridor	Sqm	1	1.8	33		59.4		
		Sqm	1	1.8	18.1		32.58		
	Gents Staff Toilet	Sqm	1	4.3	3.1		13.33		
	Ladies Staff Toilet Room	Sqm	1	4.3	3.82		16.42		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic rate							631.00	
	Area weightage 8%							50.48	
	Total						**508.29**	**681.48**	**346389.47**
	First Floor								
	Class Room-1	Sqm	1	8.1	7		56.7		
	Class Room-2	Sqm	1	8	7		56		
	Class Room-3	Sqm	1	8	7		56		
	Class Room-4	Sqm	1	8	7		56		
	Class Room-5	Sqm	1	8	7		56		
	Library	Sqm	1	8	12.6		100.8		
	Front of Stairs	Sqm	1	1.8	3.7		6.66		
	At Corridor	Sqm	1	1.8	33		59.4		
		Sqm	1	1.8	18.1		32.58		
	Ladies Toilet	Sqm	1	4.3	7		30.1		
	Basic rate							631.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional floor							2.00	
	sub total							633.00	
	Area weightage 8%							50.64	
	Total						**510.24**	**683.64**	**348820.47**
	Second Floor								
	Room	Sqm	1	7	3.7		25.9		
	Basic rate							631.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional floor							4.00	
	sub total							635.00	
	Area weightage 8%							50.8	
	Total						**25.90**	**685.80**	**17762.22**
33	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.Pg No 112,Item No 14.61.2								
	Ground Floor								
	Flooring								
	Class Room -1	Sqm	1	8.1	7		56.7		
	Class Room -2	Sqm	1	8	7		56		
	Class Room -3	Sqm	1	8	7		56		
	Class Room -4	Sqm	1	8	7		56		
	Class Room -5	Sqm	1	8	7		56		
	Class Room -6	Sqm	1	8	7		56		
	Staff Room	Sqm	1	8	5.4		43.2		
	Front of Stairs	Sqm	1	1.8	3.7		6.66		
	At Corridor	Sqm	1	1.8	33		59.4		
		Sqm	1	1.8	18.1		32.58		
	Staircase sides								
	Treads	Sqm	48	0.3		0.15	2.16		
	Rise	Sqm	46	0.15		0.15	1.03		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate							1979	
	Area weightage 8%							158.32	
	Total						**481.73**	**2137.32**	**1029611.16**
	First Floor								
	Class Room-1	Sqm	1	8.1	7		56.7		
	Class Room-2	Sqm	1	8	7		56		
	Class Room-3	Sqm	1	8	7		56		
	Class Room-4	Sqm	1	8	7		56		
	Class Room-5	Sqm	1	8	7		56		
	Library	Sqm	1	8	12.6		100.8		
	Front of Stairs	Sqm	1	1.8	3.7		6.66		
	At Corridor	Sqm	1	1.8	33		59.4		
		Sqm	1	1.8	18.1		32.58		
	Staircase sides								
	Treads	Sqm	48	0.3		0.15	2.16		
	Rise	Sqm	46	0.15		0.15	1.03		
	Basic Rate							1979.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional floor							2.00	
	sub total							1981.00	
	Area weightage 8%							158.48	
	Total						**483.33**	**2139.48**	**1034074.87**
	Second Floor								
	Room	Sqm	1	7	3.7		25.9		
	Basic Rate							1979.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional floor							4.00	
	sub total							1983.00	
	Area weightage 8%							158.64	
	Total						**25.90**	**2141.64**	**55468.48**
34	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Pg No 108,Item No14.41.2								
	Wall Cladding								
	Ground Floor								
	Gents Staff Toilet	Sqm	2	4.3		2.1	18.1		
		Sqm	2	3.1		2.1	13.0		
	Wc	Sqm	1	5.4		2.1	11.3		
	Ladies Staff Toilet	Sqm	2	4.3		2.1	18.1		
		Sqm	2	7		2.1	29.4		
	Wc	Sqm	4	5.4		2.1	45.4		
	Deduction								
	D3	Sqm	-10	0.75		2.1	-15.8		
	D1	Sqm	-2	0.9		2.1	-3.8		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate							1632.00	
	Area weightage 8%							130.56	
	Total						**115.71**	**1762.56**	**203945.82**
	First Floor								
	Ladies Toilet Room	Sqm	2	7		2.1	29.4		
		Sqm	2	4.3		2.1	18.06		
	Wc	Sqm	8	5.4		2.1	90.72		
	Deduction								
	D2	Sqm	-1	0.9		2.1	-1.89		
	D3	Sqm	-16	0.75		2.1	-25.2		
	Basic Rate							1632.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional							2.00	
	sub total							1634.00	
	Area weightage 8%							130.72	
	Total						**111.09**	**1764.72**	**196042.74**
35	KSRB 14.14-5: Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications.Pg No 108,Item No14.36 .2								
	Ground Floor								
	Gents Staff Toilet	Sqm	1	4.3	3.1		13.33		
	Ladies Staff Toilet Room	Sqm	1	4.3	3.82		16.43		
	Basic Rate							1210.00	
	Area weightage 8%							96.8	
	Total						**29.76**	**1306.80**	**38885.14**
	First Floor								
	Ladies Toilet	Sqm	1	4.3	7		30.10		
	Basic Rate							1210.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional							2.00	
	sub total							1212.00	
	Area weightage 8%							96.96	
	Total						**30.10**	**1308.96**	**39399.70**
36	KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications. (P.No. 68, I.No. 10.2 of PWD SR 2018-19)								
	Slab	Cum	1	41.4	9.3		385.02		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Cum	1	18.1	10.3		186.43		
								994.00	
	Basic Rate							79.52	
	Area weightage 8%							1073.52	613463.00
	Total						**571.45**		
37	KSRB 9-27.1 : Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications. Pg No 60,Item No9.80								
	Ground Floor								
	D	Nos	7				7		
	D1	Nos	2				2		
	First Floor								
	D	Nos	5				5		
	D1	Nos	1				1		
	D2	Nos	1				1		
	Second Floor								
	D	Nos	1				1		
	Basic rate							1366.00	
	Area weightage 8%							109.28	
	Total						**17.00**	**1475.28**	**25079.76**
38	KSRB 9.4-2: Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 Pg No 53,Item No9.11								
	Ground Floor								
	D	Cum	7	6.60	0.150	0.125	0.87		
	D1	Cum	2	6.00	0.125	0.100	0.15		
	First Floor								
	D	Cum	5	6.6	0.15	0.125	0.62		
	D1	Cum	1	7.20	0.15	0.125	0.14		
	D2	Cum	1	6.00	0.125	0.100	0.08		
	Second Floor								
	D	Cum	1	6.6	0.15	0.125	0.12		
	Basic rate							87604.00	
	Area weightage 8%							7008.32	
	Total						**1.97**	**94612.3**	**186268.01**
39	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34, Pg No. 53, Item No. 9.15								
	Ground Floor								
	D	Sqm	7	1.20		2.1	17.64		
	D1	Sqm	2	0.90		2.1	3.78		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic rate							4722.00	
	Area weightage 8%							377.76	
	Total						**21.42**	**5099.76**	**109236.86**
	First Floor								
	D	Sqm	5	1.2		2.1	12.60		
	D1	Sqm	1	1.5		2.1	3.15		
	D2	Sqm	1	0.9		2.1	1.89		
	Basic rate							4722.00	
	An additional rate of Rs.4.00/sqm per floor may be added for every							4.00	
	sub total							4726.00	
	Area weightage 8%							378.08	
	Total						**17.64**	**5104.1**	**90035.97**
	Second Floor								
	D	Sqm	1	0.9		2.1	1.89		
	Basic rate							4722.00	
	An additional rate of Rs.4.00/sqm per floor may be added for every							8.00	
	sub total							4730.00	
	Area weightage 8%							378.40	
	Total						**1.89**	**5108.4**	**9654.88**
40	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications. Pg no:121.Item no:15.60.1								
	Ground Floor								
	D	Sqm	7	6.6	0.15		6.93		
		Sqm	14	6.6	0.125		11.55		
	D1	Sqm	2	6	0.125		1.50		
		Sqm	4	6	0.1		2.40		
	First Floor								
	D	Sqm	5	6.6	0.15		4.95		
		Sqm	10	6.6	0.125		8.25		
	D1	Sqm	1	7.2	0.15		1.08		
		Sqm	2	7.2	0.15		2.16		
	D2	Sqm	1	6	0.125		0.75		
		Sqm	2	6	0.1		1.20		
	Second Floor								
	D	Sqm	1	6.6	0.15		0.99		
		Sqm	2	6.6	0.12		1.58		
	Basic rate							97.00	
	Area weightage 8%							7.76	
	Total						**43.34**	**104.76**	**4540.72**
41	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame. Page No. 63, Item No.								
	Ground Floor								

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	D3	m	5	5.70			28.50		
	Basic rate							450.00	
	Area weightage 8%							36.00	
	Total						**28.50**	**486.0**	**13851.00**
	First Floor								
	D3	m	8	5.7			45.60		
	Basic rate							450.00	
	An additional rate of Rs.4.00/sqm per floor may be added for every additional floor							4.00	
	sub total							454.00	
	Area weightage 8%							36.32	
	Total						**45.60**	**490.3**	**22358.59**
	Second Floor								
	D3	m	1	5.7			5.70		
	Basic rate							450.00	
	An additional rate of Rs.4.00/sqm per floor may be added for every additional floor							8.00	
	sub total							458.00	
	Area weightage 8%							36.64	
	Total						**5.70**	**494.6**	**2819.45**
42	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot. P.No.60, I.No.9.94								
	Ground Floor								
	D3	Sqm	5	0.75		2.10	7.88		
	Basic rate							**3800.00**	
	Area weightage 8%							**304.00**	
	Total						**7.88**	**4104.00**	**32319.00**
	First Floor								
	D3	Sqm	8	0.75		2.10	12.60		
	Basic rate							**3800.00**	
	An additional rate of Rs.4.00/sqm per floor may be added for every additional floor							**4.00**	
	sub total							**3804.00**	
	Area weightage 8%							**304.32**	
	Total						**12.60**	**4108.32**	**51764.83**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
43	KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality.Pg No.35 Item No.7.11.2								
	Ground floor								
	W	Sqm	26	1.50		1.20	46.80		
	V	Sqm	4	0.75		0.60	1.80		
	Basic Rate							4435.00	
	Area weightage 8%							354.8	
	Total						**48.60**	**4789.80**	**232784.28**
	First floor								
	W	Sqm	27	1.5		1.2	48.60		
	V	Sqm	3	0.75		0.6	1.35		
	Basic Rate							4435.00	
	An additional rate of Rs.6/sqm per floor may be added for every additional floor							6.00	
	sub total							4441.00	
	Area weightage 8%							355.28	
	Total						**49.95**	**4796.28**	**239574.19**
	Second Floor								
	W	Sqm	1	1.5		1.2	1.80		
	Basic Rate							4435.00	
	An additional rate of Rs.6/sqm per floor may be added for every additional floor							12.00	
	sub total							4447.00	
	Area weightage 8%							355.76	
	Total						**1.80**	**4802.76**	**8644.97**
44	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.Specification No. KBS 7.12 Pg No.34 Item No.7.9								
	Ground Floor								
	W	kg	26			37.8	982.80		
				21kg per sqm 1.5*1.2*21=37.8					
	V	kg	4			9.45	37.80		
				21kg per sqm 0.75*0.6*21=56.7					
	Basic Rate							95	
	Area weightage 8%							7.6	
	Total						**1020.60**	102.6	**104713.56**
	First Floor								

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	W	kg	27			37.8	1020.60		
				21kg per sqm 1.5*1.2*21=37.8					
	V	kg	3			9.45	28.35		
				21kg per sqm 0.75*0.6*21=56.7					
	Basic Rate							95.00	
	An additional rate of Rs.6/sqm per floor may be added for every additional floor							6.00	
	sub total							101.00	
	Area weightage 8%							8.08	
	Total						**1048.95**	**109.08**	**114419.47**
	Head Room								
	W	kg	1			35.658	35.66		
				21kg per sqm 2.83*0.6*21=35.28					
	Basic Rate							95.00	
	An additional rate of Rs.6/sqm per floor may be added for every additional floor							12.00	
	sub total							107.00	
	Area weightage 8%							8.56	
	Total						**35.66**	**115.56**	**4120.64**
45	Providing and fixing M.S.Grill over existing compound wall as per, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification.								
	Ground Floor								
	Corridor Wall Grill	Sqm	1	16.00		2.3	36.80		
		Sqm	1	11.00		2.3	25.30		
	Basic rate							**5369.00**	
	Area weightage 8%							429.52	
	Total						**62.10**	**5798.52**	**360088.09**
	First floor								
	Corridor Wall Grill	Sqm	1	19.00		2.3	43.70		
		Sqm	1	12.00		2.3	27.60		
	Basic rate							**5369.00**	
	Add Lift charges For First Floor							6.00	
	sub total							5375.00	
	Area weightage 8%							430.00	
	Total						**71.30**	**5805.00**	**413896.50**
46	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Pg no:123.Item no:15.74								
	For window and ventilators	sqm	1	window qty+ventilator qty			100.35		
	Painting for Grill Works	Sqm		window qty			100.35		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	paintiing for Corridor Grill	Sqm	1	Grrill Qty			133.40		
	Basic rate							95.00	
	Area weightage 8%							7.60	
	Total						**334.10**	**102.60**	**34278.66**
47	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305								
		cum	1	41.00	10	0.6	246.00		
		cum	1	27.40	11	0.6	180.84		
	Basic rate							325.00	
	Area weightage 8%							26.00	
	Total						**426.84**	**351.00**	**149820.84**
48	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications. Pg 45 Item no.7.38								
	Ground Floor								
	Railing @ 1st Flite & 2 nd Flite	Sqm	4	3.4		0.9	12.24		
	At landing	Sqm	1	7.3		0.9	6.57		
	Basic Rate							6021.00	
	Area weightage 8%							481.68	
	Total						**18.81**	**6502.68**	**122315.41**
	First Floor								
	Railing @ 1st Flite & 2 nd Flite	Sqm	4	3.4		0.9	12.24		
	At landing	Sqm	1	7.3		0.9	6.57		
	Basic Rate							6021.00	
	An additional rate of Rs.6/sqm per floor may be added for every additional							6.00	
	sub total							6027.00	
	Area weightage 8%							482.16	
	Total						**18.81**	**6509.16**	**122437.30**
								Total Amount	**22777384.75**
								GST Charges (12% of estimated cost)	**2733286.2**
								Grand Total	**25510670.92**

CERRIFICATE:

1) The work spot has been inspected and found to be necessary

2) The work spot comes under B.B.M.P

3) The provisions made in the estimate are necessary and minimum

4) The estimate is based on C.S.R of 2018-2019, PWD Electrical 2019-20,PRED 2019-20, SE-RDED approved Rate and Issused Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

RUDRAPRASAD CONSULTANTS
BANGALORE